

# Germany's town halls

It's true. In Goethe's Frankfurt there is the old Town Hall, dating from the 15th and 16th centuries. But there is also the modern "technical" Town Hall, rather like the Astro-Houston Center in downtown Houston. And there's another in Bonn, resembling a white mountain peak, ultramodern, like Mont Blanc on the Rhine. But the historic old town halls still predominate in Germany. Have you seen the delightful half-timbered building in Aisfeld, dating from 1512? Bernkastel town hall on the Moselle? The Renaissance one in Lindau on Lake Constance? Or perhaps one built in 1484 for the city of Michelstadt in the Odenwald which looks like a Gothic dollhouse or a present bought in an old-fashioned toyshop? You try it sometime for a change - a trip to Germany's town halls.

There will be no limit to what can be discussed at the North-South summit in Mexico in October. The aim of the meeting will be to build confidence for further talks on a new international economic order at the United Nations.

At a preliminary meeting in Mexico City last week, 22 foreign ministers were unable to agree on an agenda. Rather than risk confrontation, they ended the meeting early. So the exchange of views between heads of government of 22 rich and poor countries is to be held without the highest constraints of protocol and without a written declaration of intent.

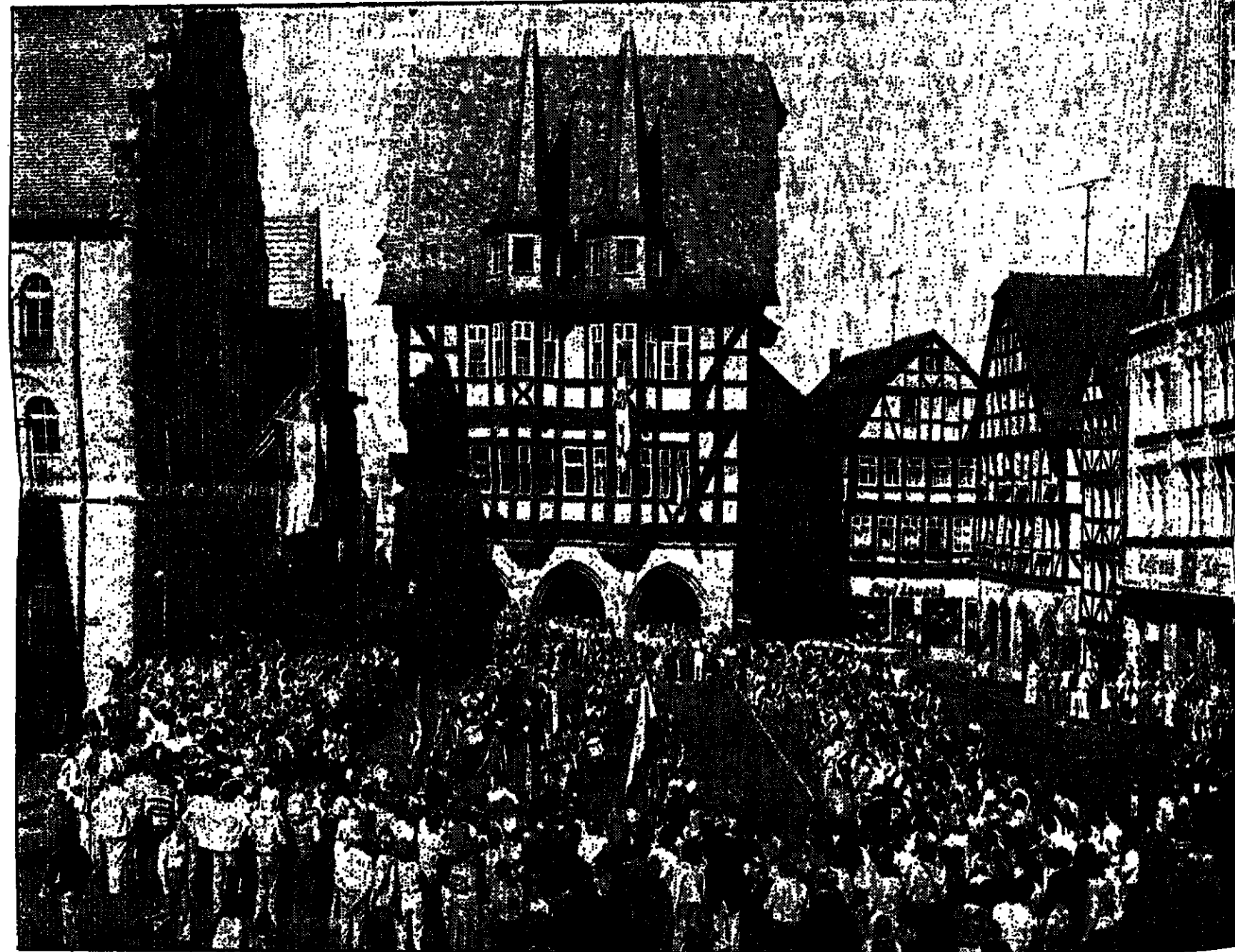
Taking part in the meetings are Algeria, Austria, Bangladesh, Brazil, Britain, Canada, China, France, Guyana, India, the Ivory Coast, Japan, Mexico, Nigeria, the Philippines, Saudi Arabia, Sweden, Tanzania, the United States, Venezuela, Yugoslavia and the Federal Republic of Germany.

In view of the unpredictable nature of world affairs they had evidently been asked by their governments to avoid getting to any limitation in the number of agenda issues for discussion. This they were told to do even at the North-South summit ending without conclusions that could be issued in published form.

Two events contributed towards this readiness to part company without having reached specific conclusions. They were the Ottawa economic summit and Cuba's bid to hold a preliminary conference of southern hemisphere countries in New York.

At Ottawa the South expected the industrialised countries of the West to take a hard line on the North-South. They failed to do so.

Cuba, in contrast, included out of the exclusive gathering of North-South countries, hoped at its proposed pre-conference to line up the South for a head-on collision with the United States and the other Western industrialised countries.



Aisfeld

Frankfurt am Main

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## Unlimited agenda for the North-South summit

The first was President Roldos of Ecuador, an elected president who after years of military dictatorship restored parliamentary democracy on a note of critical detachment from the United States.

General Torrijos was the man who forced the United States to agree to return the Panama Canal to Panamanian sovereignty.

All in all, the Foreign Ministers' conference as a dress rehearsal for the full summit in October ran smoothly and without sensations.

Delegations preferred not to put their differences of opinion to the fore; they tacitly acknowledged as a possible advantage of the North-South talks the fact that there were no closed fronts even on individual issues.

Bids by both the United States and Mexico to set up basic approaches for both groups at the conference and have them declared generally binding failed from the start.

At a preliminary conference of the South in New York Mexico was unable to gain approval of a 30-page paper as a fundamental document.

In Ottawa the United States was similarly unable to induce the North to adopt a joint approach to the Mexico conference.

Japan and France, however, assured President Lopez Portillo of Mexico at the Foreign Ministers' conference that their views on the North-South talks were attuned to his own.

In other words they, as industrialised countries, feel that economic aid to stabilise political and social conditions in the developing countries is the sole guarantee of developing countries being able to exercise their right of self-determination.

Bonn's Hans-Dietrich Genscher, who did not make a stopover in Mexico City headed straight for Cancun, the conference venue, and a 90-minute talk with Foreign Minister Huang Hua of China.

Before the Foreign Ministers met Herr Genscher hastened to reaffirm that Germany too felt the industrialised countries were duty bound to give the Third World economic aid with this end in view.



Finance Minister Hans Matthöfer (left) with Chancellor Schmidt at the Press conference to announce budget plans (See page 3). (Photo: dpa)

## A matter of spending priorities

After the gathering he told German journalists the awareness of mutual dependence had been heightened, laying a firm foundation for the October summit.

Bonn would do all it could to ensure a prompt start to overall talks at the UN General Assembly on a new international economic order.

It would also seek to make headway on the findings of the North-South summit. This would be a key feature of German foreign policy.

Canada, France and Germany took a critical view of US economic and foreign policy at the Foreign Ministers' meeting.

This earned them the goodwill of the Southern countries and, oddly enough, prevented an initial confrontation with the United States at the gathering.

US Secretary of State Haig, contrary to his strong words before the Ottawa and Cancun talks, did his best to avoid harsh words and insulting turns of phrase.

He tried to make US readiness to lend a hand appear in the best possible light. The United States is clearly aware that there is a loose but united front crossing North-South lines which is opposed to US monetary and economic policies.

So Washington is keen to avoid the building of forts with their colours nailed to the mast. It would prefer to wage war more flexibly and with greater mobility.

(Frankfurter Allgemeine Zeitung für Deutschland, 3 August 1981)

Washington's disappointment at the size of Bonn's proposed increase in defence spending of 4.2 per cent cannot lightly be brushed aside.

At a time when the United States is drastically increasing its arms expenditure this thrift on the part of a major ally may well be seen as a sign that Bonn plans to loosen links with Washington.

This is an issue Bonn must settle, the fact being that different yardsticks apply on either side of the Atlantic.

The Americans want to make good what they feel they have neglected for years, both in overall strategy and in relation to Europe, in comparison with the Soviet Union.

Bonn, on the other hand, does not feel it can accuse itself of neglecting the Bundeswehr.

In domestic terms it is exactly the opposite. The Social and Free Democrats, who share power in Bonn, are under pressure to prune defence spending after years of lavish expenditure.

This pressure is particularly strong because defence cuts are felt to be essential as a counterweight to drastic cuts in the welfare sector.

Other political dynamite would mount up and hardly help Bonn's role as a mainstay of the Western alliance.

Understandably the Bonn Opposition have taken up US dissatisfaction on this score. But they would be well advised not to overdo it.

There is no need to prompt on the home front an outright clash between Washington and Bonn on armaments. Chancellor Schmidt has given his word that Bonn's (and NATO's) security interests will in no way suffer.

(Kölnischer Stadt-Anzeiger, 3 August 1981)

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## ■ POLITICS

## Schmidt convinced his policies have the real grassroots support

The Chancellor, Herr Schmidt, maintains that his policies would win a clear backing in the SPD if grassroots views were articulated.

He is convinced that many delegates at party congresses who claim to be rank and file members are not.

When he threatened to resign if the Nato double decision on arms-and-negotiation were not accepted, it was with the confidence that grassroots opinion in favour of the decision would work its way up through the party.

The SPD is no monolith. That is common knowledge. There are opposing views among the big three, Herbert Wehner, Willy Brandt, and Schmidt, collectively known as The Troika.

But they reconcile differences in the interests of party unity.

The Chancellor is convinced that he would not have to struggle for a majority within the party if he could deal directly with the grassroots.

It is this conviction that has prompted him to toy with the idea of summoning the SPD in his Hamburg constituency to a general meeting or indeed — but this was never meant quite seriously — of rallying the entire Hamburg SPD in the city's biggest stadium.

Schmidt is convinced that he has the backing of the true grassroots.

His idea is to rally the support of the silent majority by calling on it to speak up.

He likes to make use of two closely

connected organisations that can be taken as the true voice of the grassroots: the trade unions and the Social Democratic Working Party on Labour Issues (AfA).

Schmidt has always made a point of discussing and coordinating his policies with the trade unions.

And his prospects of success are excellent, despite the fact that the unions reject his latest decision on labour participation in industrial management and that unionists will fight any cutbacks in the social security system.

Though non-partisan, the trade unions and the AfA act as a link between the SPD and the working class and are part of the Chancellor's arsenal.

So it is not surprising that a working-class area like western Westphalia ranks among Schmidt's staunchest supporters in the party.

Schmidt can count on a large majority in the Bundestag. MPs are better equipped to understand political realities than those delegates to congresses who are semi-informed and ideology-bound.

The SPD in Parliament has a strong wing of down-to-earth realists whose only interest is to get on with the job rather than theorise.

Although the SPD left wing in the Bundestag consists of about 60 MPs, only 30 or so really count. And the hard core is barely a dozen.

So the Chancellor can depend on his party in Parliament — especially in view

of the fact that Floor Leader Herbert Wehner knows how to keep his MPs in line.

But party power cannot be measured in numbers. Willy Brandt, for example, has a great following in the SPD working class.

Whether this gives him any strong base of power could only be established if he and the Chancellor were to have a tug of war.

The same goes for the SPD in Parliament, which supports the Chancellor, although this must not be construed as meaning that it opposes Brandt.

And even in the National Executive Committee, Schmidt has repeatedly managed to rally majorities of 90 per cent or more, supported rather than opposed by Brandt.

The parliamentary party and the executive committee have always supported Schmidt on the missile modernisation issue.

Had Brandt steered a collision course with Schmidt, there would be a great many more opponents of the missile decision in the executive committee of 40.

Brandt acts as a catalyst within the party, bringing opposing camps together rather than separating them.

For instance, he is highly regarded among members of the SPD Women's Movement; he is still a dialogue partner for the Young Socialists (which can no longer be said of Schmidt); and he finds

it easier than Schmidt to get through the rebellious Baden-Württemberg. Brandt is closer to the party than Schmidt. He finds it easier to get through to the first level of the party establishment as well.

It is impossible to imagine what would happen if they had to do each other in wooing each other party member.

But this will not happen and the strength of this party has been in existence for more than 20 years.

It is no secret that the troika head of the SPD has been known to differ on policy for a long time. Yet these differences have always been reconciled.

A short while ago, the Chancellor telephoned Brandt in connection with the party chairman's visit to Bonn. "What's the matter? I'm annoyed about something."

The fact is that Brandt likes further than the government to its own policy foms. This could lead to friction.

Wehner makes a point of dealing entirely on his own when on an issue he wants to speak his mind.

The three men at the top have very different personalities and grounds.

So it follows that they should eye-to-eye on a number of important policy matters.

But until there is proof to the contrary, it must be taken for granted that neither Brandt nor Wehner would be toppled for, as far as the end of the 1974, this would mean the end of Social Democrats in government.

So solidarity remains. When it comes to the crunch, the troika always the cart towards the common goal.

Gottfried (Die Welt, 22 July 1981)

## Wehner stays at the helm in spite of the storms

Herbert Wehner, the SPD floor leader for 12 years, was the man who guided the transformation of the party into a populist movement.

The craggy face of Wehner, who is now 75, bears the marks of the many conflicts, challenges and storms.

He has had political disappointment and health problems, but he has never been tempted to throw in the towel.

Speculation about his resignation has been rampant for years, but he has made it quite clear that he will "pull the cart as long as the cart agrees to being pulled."

No matter how one feels about him, it is almost impossible to imagine a Bundestag without him. And whenever he takes the floor the usually empty Parliament is filled.

Yet he has never been a great orator, and his convoluted sentences bear witness to a mind that sees a great many facets and is subject to deep emotions.

And whenever his temper runs away with him — something he rarely leaves to chance — he provides the parliamentary drama many people look for.

But Wehner's explosiveness and his cynicism together with his whiplashings are not so much aimed at day-to-day politics as at an opponent whom he feels he must hit on moral issues.

Only somebody who has for decades been a butt and a victim of underhand attacks because of his communist past can lash out like this.

Wehner, who was in the resistance during the Third Reich, still smarts under the injustice of not being forgiven his communist past while those who were members of the Nazi party have long been exonerated.

Wehner himself has never hidden his past. He has never tried to hide the fact

that, while a member of the pre-1933 Saxon parliament, he lambasted both the Nazis and the Social Democrats.

Nor has he ever tried to cover up for the fact that, after Hitler came to power, he worked underground for the Communists and maintained close contact with men like Pieck and Ulbricht while living in Moscow's Lux Hotel.

But even before war's end, when he came to know Stalin's terror and informer regime, he started to break with the Communists. And in 1946, on his return to Germany from Sweden, he realised that his place was in the West and in Germany, and he joined the SPD.

In a way, those years were formative for Herbert Wehner. They gave him a first-hand insight into short-term tactics and long-term strategies, conspiracy and dogmatism and, naturally, many an abyss of human depravity.

Wehner, who has been a Bundestag member without a break since 1949, has always been deeply involved with and committed to the problems of the two Germanies.

His rise within the SPD was programmed — so much so that Carlo Schmid wrote in his memoirs that even in the 1950s "nothing could be attempted within the party without Herbert Wehner — something which to traditionalists could well have appeared as a break with the party's 100-year-old tradition."

At the 1959 Godesberg Party Con-

gress Wehner said he considered himself "once burned".

Quoting Kurt Schumacher, he said that Marxist ideology was only one of many pillars of Social Democratic programmes enjoying equal importance as philosophical and ethical tenets and, indeed, the spirit of the Sermon on the Mount.

It was Wehner who anticipated and prepared the transformation of the SPD into a populist party and it was he who was instrumental in paving the way for the Grand Coalition and the gradual transition from CDU government to a Social-Liberal coalition.

Although he was never interested in any high government office, he accepted the post of minister for intra-German affairs during the 1966-69 Grand Coalition.

That the CDU accepted him in this Cabinet post must have been as much of a source of satisfaction for him as it was for Franz Josef Strauss to have been declared "worthy of a ministerial post" by the SPD after he had had to resign over the Spiegel affair.

Wehner has been the SPD floor leader for the past 12 years; and during all this time he has been a shining example of devotion to duty to his younger fellow-MPs.

With all his instinct for political power, and the ways and means of getting it and holding onto it he does not consider himself as the vaunted "task-

master" and whip who ensures that the Chancellor gets the majority he needs.

Instead, he has been the man who has been the man to go to the SPD floor leaders how far they can go in the face of Social Democratic ideas to the SPD floor leaders.

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## THE LAW

## Constitutional Court alters principle on 'guilty party' in divorce

Three major rulings last year on divorce law reform the Constitutional Court seems, in a fourth, to have taken a partial return to the principle of penalising the guilty party.

In each case the Karlsruhe court has reaffirmed the essentials of divorce law reform it has imposed while restrictions at a number of points.

Restrictions, painful in their impact on the idea behind the new Act, amount to a case law ruling along "yes, but" lines.

Is divorce to be granted when a marriage is felt to have broken down irreparably? Yes, but not when taken to extremes.

Should pension rights accrued during marriage be shared fairly between the two parties? Yes, but not if it means making an award from which neither is likely to benefit.

Ought a decree to be granted automatically after separation for a certain length of time? Yes, but not at a time that is totally unsatisfactory, even if that should mean no for good.

This was the gist of the three 1980 rulings; the latest, given at the end of July this year, can be expressed in similar terms.

Should alimony be awarded regardless who may be considered to have been the guilty party? Yes, but not in the case of clear and serious misbehaviour by one or other of the parties.

The miscreant will not even be awarded alimony if he or she retains custody over children born during the marriage.

The obvious objection is that the parent who is awarded custody must either go out to work or live on the allowance awarded for the child's upkeep and

upbringing, so the child will be the loser.

The court's rejoinder is that a husband or wife who has been guilty of such serious misbehaviour will not as a rule be a suitable person to bring up a child.

In other words, someone who, to quote the ruling, deserts his or her marital partner without good cause, breaks out of the marriage or takes a new partner against the other's will, will be awarded neither alimony nor, as a rule, custody over the children.

Conversely, a divorcee who is not found guilty of misbehaviour will be entitled to the full social status he or she could have expected if the marriage had remained intact.

The ruling expressly states that in circumstances such as these the innocent party will be entitled to alimony and a share of accrued pension and other rights.

What is more, this entitlement will continue to apply even if the innocent party worked during the marriage, forewent no prospects of promotion during the marriage and could live satisfactorily on his or her individual earnings.

Alimony entitlement will in this case be based solely on the fact that the other party earns a higher income.

The Supreme Court has overturned a conviction against a housepainter who was alleged to have raped a girl apprentice.

According to the evidence, the apprentice had allowed herself to be raped because she felt it would have been pointless to resist.

The painter had pushed her into a storeroom and stood before the door.

In its judgment, the Supreme Court ruled that the painter could not be said to have used force. The girl could have called for help, it said.

The ruling has, not surprisingly, drawn strong criticism from women's groups.

Called for their views on the subject, women who deal most frequently with rape cases first ask: "How did you come by our phone number?"

Only then do they voice their views on the case, and they are invariably unfavourable to the bench.

Staff at the Frauenhaus in Porz, near Cologne, take a dim view of the ruling. So do their counterparts at Munich's Frauencafé and the rape emergency switchboards in Berlin and Mainz.

Yet they fail to sound the note of spontaneous protest that might have been expected in view of the court's considered opinion.

It is that force cannot be said to have been used when a man takes a woman to an out-of-the-way place where she cannot expect help so fails to offer resistance.

Looking a woman in or restricting her freedom of movement in a comparable manner need not necessarily be a use of force either.

It took a clearer reference to the ruling in question to elicit the expected response from the women at the other end of the line.

Gerti in Berlin said: "Judges and police have exactly the same mentality as rapists."

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According to the evidence, the apprentice had allowed herself to be raped because she felt it would have been pointless to resist.

The painter had pushed her into a storeroom and stood before the door.

In its judgment, the Supreme Court ruled that the painter could not be said to have used force. The girl could have called for help, it said.

The ruling has, not surprisingly, drawn strong criticism from women's groups.

Called for their views on the subject, women who deal most frequently with rape cases first ask: "How did you come by our phone number?"

Only then do they voice their views on the case, and they are invariably unfavourable to the bench.

Staff at the Frauenhaus in Porz, near Cologne, take a dim view of the ruling. So do their counterparts at Munich's Frauencafé and the rape emergency switchboards in Berlin and Mainz.

Yet they fail to sound the note of spontaneous protest that might have been expected in view of the court's considered opinion.

It is that force cannot be said to have been used when a man takes a woman to an out-of-the-way place where she cannot expect help so fails to offer resistance.

Looking a woman in or restricting her freedom of movement in a comparable manner need not necessarily be a use of force either.

It took a clearer reference to the ruling in question to elicit the expected response from the women at the other end of the line.

Gerti in Berlin said: "Judges and police have exactly the same mentality as rapists."

## Sharp reaction to overturned rape conviction

Karin in Cologne said: "That is the sexuality of male domination. When a woman says no she doesn't necessarily mean it, they imply."

Utsch in Munich said: "Double standards again! How often are we told in the courtroom that women must not offer resistance; they must think first and foremost in terms of saving their lives."

"On no account must they provoke the rapist. Yet a woman who doesn't scream is promptly felt to have wanted to have intercourse."

The ruling comes as no surprise to Gerti. It's always the same story, she says. There is always the suggestion that it is physically impossible to have intercourse with a woman who doesn't want.

In other words, a woman who is raped must, by the same token, have been willing.

"There was a case here in Berlin where a 40-year-old woman was virtually asked what she expected at her time of life," Gerti says.

This may or may not be a slight exaggeration; it is certainly very much in keeping with German court rulings on rape.

In 1965 the Supreme Court ruled that it was not rape "when the man uses force to perform indecent acts on the woman to stimulate a state of sexual excitement in which he hopes she will yield of her own free will."

The woman must also clearly indicate, throughout the act of intercourse, that she does not want to have sex with the man.

So it cannot be denied that good behaviour is to be rewarded and bad behaviour to be penalised.

Does this not amount to a return to the guilt principle? The answer can only be that it will depend on the circumstances.

The new ruling may apply to particularly serious cases only or it may mark a first step in the direction of a reversion to the idea of the guilty party.

The Constitutional Court has repeatedly called on the Bundestag to amend

the Act to enable the judges to decide more flexibly and in keeping with the individual circumstances.

Initial amendments have already reached committee stage. Others are sure to follow.

Every ruling so far by the Karlsruhe Constitutional Court judges on the law as it stands has widened the leeway of divorce court judges.

What constitutes clear misbehaviour? What is a decree at a totally unsatisfactory juncture? What is a case of special hardship?

The way courts rule on these turns of phrase used by the Constitutional Court will inevitably differ from bench to bench in the years to come.

Time alone will tell which way the trend turns.

Eva Marie von Münch (Die Zeit, 24 July 1981)

There is a Latin term meaning the use of force against a woman who is playing hard to get. The courts in no way equate it with rape.

Rape is similarly felt not to have occurred when the man assumes that the woman, who has abandoned overt resistance, is in fact a consenting party.

"A woman who is asked in the dock whether she was not excited and whether she did not enjoy it is raped a second time in court," says Gerti.

The woman is usually up against it in a rape case because in seven cases out of 10 the alleged rapist is a man she knows.

The case thus runs counter to the classical assumption, as sociologist Ulrike Teubner puts it.

Public opinion is for the most part loaded against the woman too, according to a poll by sociologist Kurt Wels.

He found that 39 per cent of people he questioned felt the woman was merely trying to avenge herself on the man, 45 per cent felt the woman who preferred rape charges was merely trying to justify what she had done in the eyes of parents, friends or her husband and 31 per cent felt the woman was just being self-important.

Yet the use of force as defined in rape cases does indeed differ from the Supreme Court's definition in other instances.

When a motor vehicle blocks the public highway it is, according to the Supreme Court, using force.

When protesters stage a sit-in outside a barracks and try to stop tanks from driving out by sitting in their path this too is a use of force.

Yet locking a woman in is not. The Supreme Court in Karlsruhe has only just ruled that it is not.

H.-H. Holzamer (Die Welt, 23 July 1981)



## TRADE

## Political considerations behind East-West deals



The whole question of trade between East and West has again come under focus because of President Reagan's opposition to the Europe-Soviet gas-for-pipes deal.

A little over a year ago, the arguments were discussed in detail when Jimmy Carter was President against the backdrop of the Afghanistan invasion.

Apart from Poland's troubles, there has been little change in economic relations between East and West since.

In fact, trade between the two has stopped growing. West Germany's trade with Comecon countries has actually dropped.

The East Bloc's drive to reduce its trade deficit with the West, which was ushered in in the mid-1970s, continues, according to the Bonn Economic Affairs Ministry.

This has been further aggravated by the slower economic growth in both East and West.

Yet there has been some progress in economic cooperation as laid down in the CSCE Final Act.

But this is still being hampered by difficulties in establishing companies in the East, in direct contacts between companies in both camps and in obtaining information. The same applies to

the East Bloc's preference for barter deals.

All this makes such major barter deals as the envisaged European-Soviet natural gas agreement even more spectacular.

There is a political dimension to deals of this nature because they hinge on mammoth credits guaranteed by the state. They also go hand in hand with the hope of opening up major energy and raw materials sources that would relieve the global energy balance and make the East Bloc a responsible party in the present exchange, thus defusing the political situation.

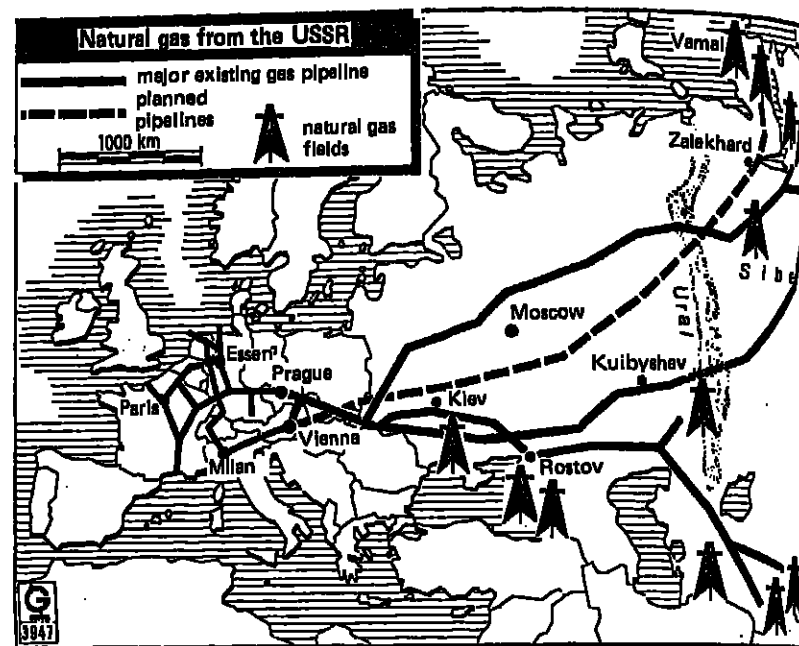
It remains to be seen whether the concepts on the two sides of the Atlantic can be reconciled. Bonn, buttressed by sensible business representatives, has made it clear that it sees no danger of excessive dependence on the Soviet Union and that it is prepared to cooperate in redrafting the list of strategically important goods.

But it is still unclear whether the United States wants to use foreign trade as an instrument of foreign policy.

In any event, as far back as last year Washington said it wanted the state-owned Hermes Insurance Corporation to restrict its export guarantees for trade with the East Bloc — both the range of goods and the amounts involved.

But all proposals that go beyond crisis response should be rejected by Germany and the Europeans.

Eberhard Wisdorff  
(Handelsblat, 24 July 1981)



## Western banks give Poland crucial breathing space

The decision by several Western banks to grant a moratorium over several years for the repayment of the principal on loans to Poland is bound to be a great help.

Though the latest party congress in Warsaw provided the basis for a continued reform course in Poland, the democratisation process stands and falls with economic recovery.

Unfortunately, the economic situation is extremely precarious. Poland's production and exports dropped by 18 per cent in the first six months of this year.

The decline in coal production was as high as 20 per cent, which is particularly

grave as it is one of the main exchange earners.

The rector of the Economics Academy in Wrocław told the congress: "continue along present lines and soon find ourselves without a way to reform."

If the banks had not granted the moratorium the Warsaw government would have had to find about DM1.5 billion for repayments of principal.

The weakened economy could not hope to raise this amount. What

Continued on page 7

## Dispute over terms holds up flow of Russian gas

The deal bugbear is the gas deal with Norway that provides for the supply of 5.5bn cubic metres a year, starting from 1990. The first shipment would be provided via a new pipeline to be installed at a cost of about DM5bn with work starting in 1986.

The European gas companies were essentially guided by supply considerations in the Norwegian deal: North Sea gas is seen as a safe supply.

Also, once the pipeline to the Con-



tinent has been laid it could also be used for gas from fields north of the 62nd parallel.

Bonn's plans to replace oil by gas would have to be shelved.

A further delay of the fourth gas-for-pipes deal with the Soviets would provide additional ammunition for those who want to prevent the deal. This applies particularly to the Reagan Administration — but not a single one of the parties represented in the Bundestag.

Washington argues that the Soviet gas would expose Western Europe to political blackmail in view of the fact that the new contract would make the German has companies dependent in the

Russians for 30 per cent of their supplies (today 17 per cent).

Another major argument is that the earnings from the deal would enable the Russians to build up their strategic potential still further.

The first argument overlooks two facts: the additional supply of 12bn cubic metres makes up for the 7bn cubic metres which Iran was supposed to have provided through a pipeline via the Soviet Union. No objections to this deal were raised in Germany.

In addition, the new deal would supplement quotas that will be discontinued on the expiry of the old contracts.

Another thing that is being overlooked is the fact that the Soviets are about to restructure their primary energy policy by replacing oil exports by gas exports.

In other words, oil shipments from the Soviet Union will be diminishing in the years ahead. Veba has already cancelled the import of 2m tons of Soviet oil.

The dependence on the Soviet Union for the enrichment of uranium, which now accounts for 50 per cent and to which no objection has ever been made, will be reduced once new capacities are put into operation by Euratom.

The supply of the private sector would remain unaffected even if the Russian were to turn off the tap from one day to the next because 83 per cent of Germany's gas still comes from Wes-

tern Europe (Norway 16 per cent, land 37 per cent; domestic production 30 per cent).

Thus the Soviet gas share in our primary energy supply amounts to less than 5.5 per cent — far from enough to make us vulnerable to blackmail.

Moreover, the proportion of Soviet gas would go down fairly soon because of the fact which has embittered Pre-

Known deposits in the North Sea alone have doubled in the past 18 months, and experts are of the opinion that this trend will continue.

The argument that Western banks would be boosting Moscow's status through the gas deal, is wrong so far as foreign exchange earnings are concerned.

The deal for 40bn cubic metres would earn the Soviets some DM1.5 billion annually. But this amount would have to be used for the gas pipeline from north-western Siberia to Europe for which they need DM10bn German credit since the gas against hard currency will not flow until the mid-1980s.

Those who want to deprive the Union of foreign exchange for heavy borrowing in the West and strategic considerations would be opposing all trade with the East will be consistent.

Yet the OECD countries want to develop this trade still further.

The alternative, in planning supplies can therefore be summed up as follows: the share of Soviet gas in the current 3 per cent to 5.5 per cent total energy requirements of the West will be reduced once new capacities are put into operation by Euratom.

The supply of the private sector would remain unaffected even if the Russian were to turn off the tap from one day to the next because 83 per cent of Germany's gas still comes from Wes-

## FINANCE

## Ottawa summit strengthens Schmidt's hand for domestic economising

The Ottawa summit conference has strengthened Chancellor Schmidt's hand for the cuts that will have to be made in the Bonn budget for 1982.

German interest rates are not to be lowered, and this, plus the fact that the government is determined to put the emphasis on budget deficits and on spending from consumption to invest, has given Schmidt several cards.

It is not surprising that he came "enriched," as he told a Press conference.

Using these cards will make it easier to halt the departure from fiscal prudence though the operation is bound to be painful.

Germany's high interest rates, which are a scourge for all sorts of ills, have been a mainstay on money markets and forced them to strongly resist running up debts.

American interest rates are not likely to fall soon. This will only happen if America's inflation rate shows signs of falling.

While President Reagan listened to the complaints over the erratic money market and exchange rate fluctuations, Federal Reserve Board Chairman A. Volcker told the US Senate that he would keep his foot on the brakes.

But the Federal Reserve Bank was unwilling to ease up prematurely in the autumn of 1980.

If it not done so, interest rates probably have gone down by now.

However, they would be even higher if the fact that the prime rate stands at 21.5 per cent) if it were not for the influx of European capital which makes for a certain liquidity.

Each of this capital comes from a fact which has embittered President Mitterrand and was probably at the root of his harsh criticism.

The passage in the closing communiqué that refers to the necessity of making productive and innovative investments in national budgets clearly

also coincides with President Mitterrand's intentions. The difference is that he has already done much, while Chancellor Schmidt still has it before him.

Continued from page 6

There is a breathing space in which to implement its economic reforms.

The current debt is the result of the heavy borrowing in the West during the Gierke era. The project failed to oppose all trade with the East will be consistent.

Inflation rate has inevitably risen, it says. Instead of the anticipated 3.5 to 4 per cent, domestic goods are likely to go up by 4 per cent in during the year.

As a result of the heavy devaluation against the dollar, prices of imported goods and production costs have risen more than anticipated.

The money supply went up by 5 per cent in May and June and the Bundesbank rejects the accusation that its



In any event, Schmidt's blueprint is completed though he has so far kept it to himself.

It is pretty safe to assume that both the Chancellor and his finance minister are determined to put the emphasis on paring down expenditure by doing away with certain subsidies and tax advantages rather than resorting to direct tax increases. This makes it unlikely that the tax on oil will be raised.

The figures mentioned in Ottawa amounted to cuts totalling well over DM18bn.

But the question is where to start paring which, incidentally, must not be done by Bonn alone but also by the Länder and the municipalities.

Considering that 38.5 per cent of Germany's GNP already goes into taxes and various social security contributions, it is obvious that there is little scope here.

Trade Union Federation Chairman Heinz Oskar Vetter should think twice before suggesting higher tax for the self-employed. In any event, such a suggestion would be likely to fall on deaf ears in Bonn, which works on the assumption that the unions will cooperate in the new austerity programme.

But this presupposes that the paring knife is applied evenly and without sparing the civil service.

More taxation means more moonlighting, more tax evasion and less efficient workers.

## Bundesbank adamant: money controls are to stay

Money will remain tight and expensive for the rest of the year, says the Bundesbank.

Its latest report, undaunted by criticism from the Ottawa summit and the trade unions, says that because of inflation, money supply during the second half of the year should increase by no more than 4 or 5 per cent.

This was in line with keeping the 1981 monetary growth target at between 4 and 7 per cent.

The Bundesbank stresses its determination to combat both home-made and imported inflation in order to restore the confidence in the buying power of the deutschmark, both at home and abroad.

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The money supply went up by 5 per cent in May and June and the Bundesbank rejects the accusation that its

Labour Minister Ehrenberg would therefore be well advised to reconsider his initial suggestion that unemployment insurance contributions be upped by half a per cent.

It can be taken as a foregone conclusion that such a suggestion will not be taken up.

The more obvious approach would be to do away with a wide range of subsidies and tax relief and to cut down on those social security benefits that are actually antithetical because they encourage excesses.

There are 40 different flat-rate deductions in our income-tax system and 127 other relief items for businesses and individuals, accounting for a whopping DM30bn.

On top of this, there are 116 types of direct subsidies which account for another DM13bn. One of them is the point-less relief airlines and shipping enjoy on fuel taxes.

Child allowances (which should remain essentially unchanged but lapse when the child reaches the age of majority) devour another DM19bn a year.

Fiscal relief in the tax returns of couples is likely to get away unscathed.

But there is some scope for cutbacks in the spending of the Federal Labour Office.

This could include the money that goes down the drain due to provisions governing the temporary employment of wives during the season, as in the catering business; the practice of dismissing staff on reaching the age of 59 at the expense of the social security pensions system; and the miners' insurance that should apply only to those who actually work underground.

The social security system devours some DM86bn, about one-third of government spending. So it cannot be immune to cutbacks.

This applies even more to the special civil service privileges and to the DM44bn defence budget — especially in view of the fact that no treaty or agreement stipulates a three per cent annual increase.

Anybody who in today's situation gets out to cut spending and put the budget on a sound footing must not be deterred by a forest of taboos.

Franz Thoma  
(Süddeutsche Zeitung, 23 July 1981)

## Agriculture escapes EEC cutback

The EEC budget has been cut by about DM1.5bn from the original DM56.8bn.

Regional and social expenditures come off worst, which is a blow because of unemployment in all member nations.

In contrast, the biggest money guzzler, agriculture, is untouched.

Britain, among others, had hoped to receive a several-million-deutschmark booster shot for its structurally weak economy.

The cutbacks are a victory for Bonn, which has long wanted to pare down the Community budget.

Though the finance ministers are still withholding approval of the additional billion asked by France, that country's dogged pursuit of its demands gives a foretaste of the resistance Bonn's envisaged agricultural reform will continue to meet with.

As long as President Mitterrand remains determined to keep the farmers on his side Europe will continue to economise in the wrong places.

Bettina Wieselmann  
(Stuttgarter Nachrichten, 23 July 1981)

Output in May reached the previous year's level, after lagged behind in the first four months of the year.

Overall production, including the construction industry, in the first five months of 1981 was 3 per cent below the previous year. Yet production in the manufacturing industry dropped by only 2 per cent.

In electrical engineering, road vehicles and consumer goods there was a slight increase in May. Only the construction industry lagged 3.5 per cent behind the previous year.

Hopes that the economy would receive a shot in the arm through stepped up exports were dampened by the disappointing orders in May.

But the central bank attributes the diminished demand in the manufacturing industry in May (8 per cent below the April level) to the heavy tide of orders in the preceding months.

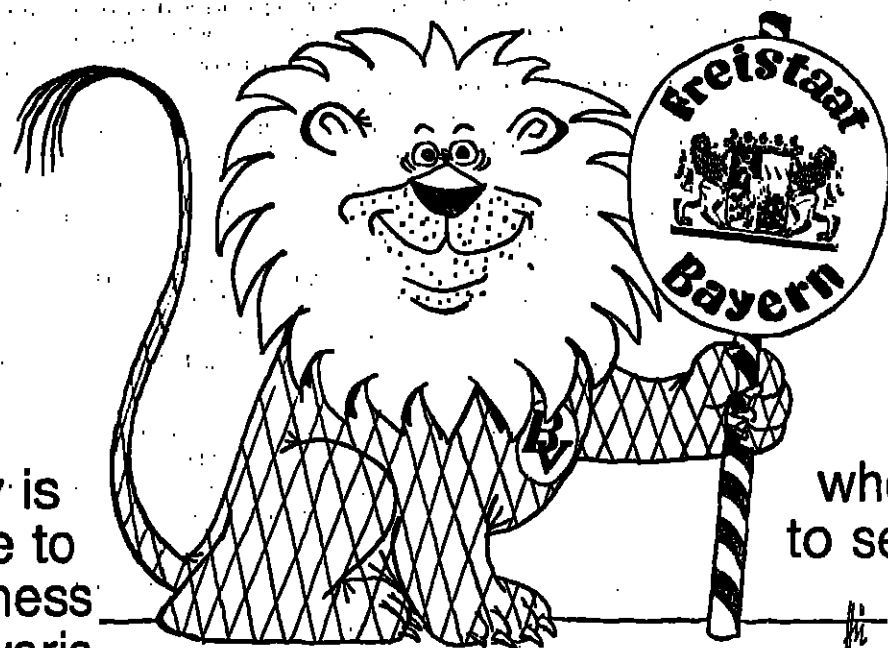
Foreign orders in May dropped by 10 per cent against April, but their volume was still 8 per cent greater than in the same month of 1980.

Domestic orders (adjusted for inflation) in May lagged 6.5 per cent behind April when a many of major orders came in.

Overall, the order books in May were slightly fuller.

Harald Manke  
(Rheinische Post, 21 July 1981)

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### SPACE RESEARCH

## Unlocking the secrets of the universe

space, explains Peter Mezger, the man who runs Effelsberg radio telescope, near Bonn, is open, endless. He says the idea doesn't worry you," he says, a note of satisfaction in his voice. Professor Mezger leans back in his chair and says, with a happy smile, that the universe is expanding and will continue to do so for ever.

"The idea certainly doesn't worry me," he claims, looking convincingly relaxed in a polo-necked shirt and corduroy trousers. This is an allusion to a number of schools of thought that are far from happy at the idea he shares with many other astrophysicists.

It is that a primal bang shook the universe 15 billion years ago, since when it has been drifting apart, the further the faster.

Professor Mezger is head of the Max Planck Radioastronomy Institute, Bonn. His radio telescope, in the Eifel hills south of the city, is the largest in the world. It has been in operation for exactly 10 years.

His claim that the universe is expanding into infinity, while confidently made, is still controversial among astronomers. The imponderable is an elementary particle, the neutrino.

The neutrino's existence was postulated by Wolfgang Pauli to account for the beta decay of neutrons. When not in motion it seems to have no mass.

Physicists say that at rest it has zero mass. But if it has any at all (and there has yet to be experimental confirmation that it has), Professor Mezger's view of the universe will be in trouble.

To be able to say one way or the other whether the universe is open or closed, finite or infinite, scientists study the density of matter.

A cubic centimetre of water, weighing one gram, has a density of one. The earth as a whole has a density of five and a half. The mean density of the universe is minute — because of the wide open spaces between galaxies.

If all matter were equally distributed throughout the universe its mean density would be less than 10 to the power of minus thirty.

In other words, zero point 29 zeros, then a figure one. And that, says Professor Mezger, is 40 to 50 times below the critical density.

Critical density is a crucial concept in cosmology, or the study of the universe. If the density of the universe is greater and there are more particles per cubic centimetre, the expanding universe will stop expanding at some time or other.

In accordance with the laws of gravity it will then start contracting again, whereas if there is less matter per cubic centimetre it will carry on expanding forever.

The critical density is roughly 10 to

the power of minus 29 grams of matter per cubic centimetre of space.

Professor Mezger and his fellow-astronomers in Bonn arrive at a figure of less than the critical density by measurements of the frequency of the two lightest elements.

They do so by using the world's largest radiotelescope, Effelsberg with its dish antenna 100 metres (328.1ft) in diameter.

The gigantic antenna receives electromagnetic radiation in the radio range, between 75 centimetres and 7 millimetres in wavelength.

In this way it is possible to probe interstellar nebulae in which hydrogen is ionised by the light from a nearby hot star, areas in outer space known as H II regions.

They are particularly well suited for frequency measurement of hydrogen and helium, which between them account for 98 per cent of cosmic matter.

Inferences can be drawn from these measurements as to the density of elements. Density can even be reckoned back to what it must have been a few minutes after the big bang.

In the wake of their measurements and in accordance with theoretical considerations the Bonn boffins are convinced the density of the universe is less than 10 to the power of minus thirty.

Their findings are not yet universally accepted, however, Professor Mezger says, although other, unrelated observations indicate the same conclusion.

Experts will probably not be convinced until the neutrino problem has been solved and they know for sure whether it has mass or not.

Experiments have shown that neutrinos cannot weigh more than 30 electron volts, the electron volt being a unit of weight used by nuclear physicists.

That would make the neutrino 10,000 times lighter in weight than the electron. But this ceiling of 30 electron volts was the degree of accuracy of the experiments, so it is not a measurement of weight as such.

F. W. Stecker of the Goddard Space Flight Centre in America published early this year a hypothesis that neutrinos weigh about 14 electron volts each.

He arrived at this figure on the basis of purely theoretical considerations.

The Bonn radioastronomers have more to do than join in the quest for the elusive neutrino. Density estimates have shown that between galaxies the universe is nearly empty.

In other words, all mass is to be found in the many milky ways, and as Professor Mezger puts it: "The latest field of astrophysical research is gaining insight into how galaxies are formed."

How, indeed, did matter put evenly to flight by the big bang form individual concentrations of mass from which galaxies and stars later developed?

This raises the issue of the development of the elements, for the study of which even shorter wavelengths of less than 0.3 millimetres are needed.

But measurements in this range, the distant infra-red, cannot satisfactorily be taken in the humid atmosphere of the Eifel hills.

Steam in the atmosphere filters radiation out, certainly in this wavelength range, so the Bonn astrophysicists are associated with the construction of observatories in Southern Spain and Arizona.

A research aircraft is also to be built, in collaboration with the German Aerospace Research Institute (DFVLR) and six other European countries.

Horst Rademacher  
(Kölnischer Stadt-Anzeiger, 24 July 1981)

## On collision course

Gliese 710, a star that has made headline news in the United States, is set on a course that should bring it into head-on collision with the solar system.

It owes its name and its popularity to Wilhelm Gliese, a friendly middle-aged man who works at the astronomical computer institute in Heidelberg.

He invariably takes to the rostrum at international gatherings of astronomers when speculation about the origins, extent and future of the universe gets out of hand.

Gliese enjoys an international reputation as an expert on stars in the vicinity of the solar system.

There have been objections to his collision theory but the overwhelming majority of astronomers agree with his findings, subject to certain provisos.

Thirty-five years ago Wiesotski and staff of Bonn observatory discovered Gliese 710 and many other previously unknown stars. It was first classified as BD 1-3474.

The initials referred to Bonn, the number helps to explain why little attention was paid to this particular star at the time. It was one of many.

It took computer statistician Gliese to notice that BD 1-3474 was set right on course for a head-on collision with the solar system.

Evaluation of his computer findings revealed that BD was heading towards the solar system, not away from it, at a speed of roughly 25 kilometres a second.

It still has some distance to travel before it gets anywhere near our own planet, however: about 45 light years, to be exact.

Provided there are no changes in course, speed or direction, Gliese 710, as it is now known, should arrive on the solar scene in about 580,000 years.

In terms of the history of mankind this is a reassuring length of time. In terms of the estimated age of the solar system, five billion years, it is very little.

All computer estimates to date have arrived at the conclusion that Gliese 710 should pass by the solar system at a distance of between zero and five light years.

Zero would mean a direct hit on the Sun, which would mark the end of the solar system as we know it.

If, on the other hand, it were to pass by at a distance of five light years the solar system would hardly be affected, that being the approximate distance between the solar system and its nearest neighbour, Alpha Centauri.

Gliese reckons a direct hit would be extremely improbable but points out that if it were to pass by, at say, the distance of Jupiter, from the Sun, the solar system would unquestionably be in a turmoil.

Gliese 710, the sun that is heading our way, is a red dwarf star of the most common kind in the vicinity of our solar system.

Astrophysicists infer from the powerful calcium radiation it emits that Gliese 710 is extremely young.

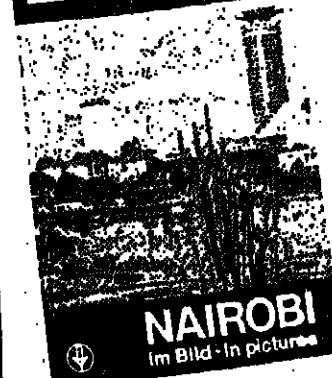
So even if it has earth-like planets orbiting it they will not boast even the most primitive living creatures, there not having been enough time for them to evolve.

But we will not know for sure for 580,000 years!

Heinz Günther  
(die Welt, 25 July 1981)

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## ■ THE ARTS

## Bayreuth changes show its flexibility

Thirty years ago Bayreuth was given a new look by Wieland and Wolfgang Wagner, the composer's grandsons. 1981 may well turn out to have been a similar turning point in the history of the Wagner festival.

The VIPs were there as usual, of course, headed naturally, in Bavaria, by Bavarian Prime Minister Franz Josef Strauss and his Education Minister, Hans Meier.

From Bonn there was Foreign Minister Hans-Dietrich Genscher, and the distinguished foreign visitors included the Begum Aga Khan, who had not graced Bayreuth for five years.

Socially, nothing much seemed to have changed. Artistically, it was another matter.

Thirty years ago Wieland and Wolfgang Wagner embarked on a series of new productions of their grandfather's operas that were intended in part to purify the oeuvre from ideological contamination and political abuse.

Wagner's work was, of course, extremely popular in the Third Reich and the Wagner family were on the best of terms with Hitler.

The Wagner brothers suffered periodic setbacks in their bid to restore artistic integrity and never did succeed entirely, Wagner's operas remaining controversial.

Their explosive potential was not buried once and for all; often, the fuse continued to glow and yells of anger were equally often heard from the victims of periodic explosions.

Bayreuth as an artistic workshop has continued to be receptive and flexible. Basically the festival made a logical progression from the 1951 *Parsifal* to Patricia Chéreau's *Ring*.

But times have changed. Critical and innovative productions such as those of directors Götz Friedrich, Harry Kupfer or Patrice Chéreau have given way to a new approach.

The new look, it may be taken, will be a little less aggressive, a little quieter and a little less strong on commitment (reflecting a swing of the social pendulum).

Take Jean-Pierre Ponnelle's *Tristan und Isolde*. It marks Ponnelle's debut at Bayreuth, also that of Daniel Barenboim as a conductor and Johanna Maier as Isolde.

Ponnelle's approach is middle-of-the-road. He transposes the tale into a more mythical distance and keeps the audience more at arm's length.

His sets are an odd variation on the subject of trees. In the first act the ship consists of rough tree-trunks and is a kind of primitive landscape.

In the second nature has grown almost pure, with an enormous tree in full bloom commanding the stage.

In the last act there is an ice-grey island with two gigantic, petrified tree-trunks splayed apart. It is clearly a Nordic island of the dead.

Against such backdrops *Tristan* is a rank outsider, a Black Prince dressed like a freebooter, a desperado even. His emotional outburst follows virtually as a matter of course.

Isolde too is clearly characterised by her appearance, her mise-en-scène. In the first act she is idolised by the powerful round and protective zone of her cloak.

She is a magic goddess, both bride and harbinger of death, who in the second act is transformed into a young and willingly yielding lover.

This distinction gives some idea of what the final act seems to bear out, that Isolde the beloved turns out to be a figment of Tristan's feverish imagination.

This time she certainly fails to reach Kareol. Kurwenal's report is intended to divert Tristan, who is driven to madness. She merely appears as a vision between the leaden tree-trunks.

Kurwenal's fight with Melor and Marke is likewise merely indicated in outline as a gigantic play of shadows.

Strikingly effective though this solution may seem (and it is seen in glaring light, incidentally), it is by no means unproblematic.

The problem is not so much one of the mystical union of the lovers in joint death but of the elimination of individuality. Tristan is left on his own in his nocturnal darkness.

Ponnelle's interpretation of the second act seems more convincing, especially the scene with King Marke, which is extremely tension-laden.

Tristan and Isolde are not separated; they stay quietly together, carried away, unerringly persuaded of their unity. Here too Ponnelle makes full use of the lighting. The second act of *Tristan* has probably never been so brightly illuminated.

It will seldom have been heard at greater length either. Barenboim conducts the opera at a very slow pace, unfortunately resulting in a substantial voltage drop for much of the act.

He does not pick up speed until the final scene. But his piano is finely delineated, an alluring cobweb of soft warm colour. His wind, on the other hand, is pared to the extreme.

Seldom has one heard such tired woodwind, offset by dark, soft strings.

There was no sign on the first night of the ecstasy of Wagner's music, its passion and harsh dissonance even. It is stretched out even where the composer warned against overextension.

Barenboim sticks to epic mezzos, making an otherwise outstanding orchestra.

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Ghanaian dance group lent a touch of character to Cologne academy.

(Photo: Alfred Koch)



Johanna Maier as Isolde...wide range of expression.

(Photo: Festspiele Bayreuth / Siegfried Leiser)

## Dance academy falls from its professional best

There were too many amateur and student dancers at this year's Cologne international summer academy of dancing.

As a result, the high standards maintained over the years took a tumble.

A reason is that a big increase in interest in jazz dancing, ethnic dancing and even modern dance boosted the number of performers.

But not all indicated that they were amateurs.

Many lecture demonstrations and side-shows attracted spectators but jeopardised the hard professional work of the summer academy courses.

All this was particularly disappointing because this year is the academy's Silver Jubilee.

The aim was to keep tabs on developments in the international dancing scene with all its uncertainties.

The mainstay of the academy's work continues to be further education in classical dancing, and teachers of international reputation were at Cologne again this summer.

They included Joelle Mazet from Paris, Eileen Ward from London, Dinna Björn from Copenhagen, Peter Appel from Basle, Simon Mottram from Stock-

holm and Ursula Borrmann from Cologne.

To boost and improve standards, 11 of them were hired and lent a hand in the various classes. They came from Paris, the deapest, Copenhagen and Toronto.

So it was that outstanding work was accomplished and not only by the singly important Bournonville method by Eileen Ward and by Simon Mottram who concentrated on the male dancer.

The general enthusiasm was a help to the teachers of modern dance too, who included Mary Hinton (London) and Clay Taliaferro (Lincoln).

Even Alvin McDuffie from New York who for the past six years has been one of the favourite teachers at Cologne, he had never worked as successfully this year.

The academy is also making headway towards its second major objective of stimulating choreographic understanding and creativity among dancers, who are notoriously prone to imitate others.

Hans van Manen has for years been students his methods of choreography. This year he rehearsed scenes from *Macbeth*. He too was much happier than he had been last year.

This year a class in modern dance was run by Clive Thompson, head of dance centre in New York. It showed how urgently needed a better acquaintanceship with modern choreography is.

This side of the academy's work definitely be intensified. Clay Taliaferro's quest for a new activity of movement was based on the legacy of Mary Wigman and the dance of expression, which is still neglected in this country.

Another newcomer to Cologne was choreographer workshop in which Cacileanu and his Theatre Group of Rennes, stimulated dancers to get down to creative work.

Cacileanu's aim was to stimulate imagination of dancers who were snowed under by the imitations of training routine.

He did not yet have time to developing structures of dance.

Continued on page 14

## ENTERTAINMENT

## The circus that wouldn't die

Circus Roncalli, playing to packed houses everywhere in Germany, was founded in July 1976 by two Viennese men, singer Andre Heller and Bernhard Paul.

"We share a dream in common," they said. "Yet the dream ended only after only a few weeks of rave reviews and full houses."

The two men were at loggerheads, the folded and its obituary notices in newspapers said with genuine regret there would surely never be such a circus again, that there was room for such poetry in a down-to-earth age.

The Big Top was dismantled, wages owing, the travelling circus and its staff who had given so many people so much pleasure in such a short time, dissolved. It was all over.

Or so it seemed. Five years later Roncalli is back, risen from the ashes of obscurity and unsettled debts.

It owes its resurrection to the unflagging enthusiasm of Bernhard Paul, his son of a circus as theatre and nostalgia and an injection of cash and ideas by Emil Steinberger, the Swiss comedian and TV star.

It has been the toughest time of my life, says manager Paul, who got the circus back on its feet without a penny in the bank.

Those who remembered the first Roncalli must have felt, as they stood in line waiting for the doors to open in Munich, it would be little short of a miracle if the circus were to be anywhere near as wonderful as it had been. But as they queued for the Journey to the Rainbow (the slogan of the current Roncalli programme), a "performance" in two acts on sawdust with 10 scenes between the four poles of the Big Top, they were given a taste of what lay ahead.

The circus people, in full dress or costume, came out to spray the waiting crowds with confetti, to dab them with make-up and sprinkle them with glitter.

The audience felt they belonged even before taking their seats (either red chairs or wooden benches) in the brand new dark blue tent.

The opening number are Pic and Pello, pantomime clowns, who rush into the arena wearing outsize papier-mache masks and gesticulating as they look around for a seat.

It is easy to identify with the two clowns and this feeling of being at one with the company is maintained throughout.

It is sustained with imagination and sophistication from one number to the next, both full-scale numbers like the trapeze artists or the lion-tamer and interludes for scene-shifting that are clearly no more than minor inserts.

Noisily a gaily-coloured giant dragon wends its way round the aisles. So, a little later, does a two-man zebra.

Then the audience are roped in for a musical number featuring a glockenspiel. On the Munich premiere night August Everding, general manager of the State Opera House, was particularly belaboured by clowns and jugglers.

Balloons and suchlike extras are really nothing more than extras. They are not provided to offset other shortcomings of the show.

The colourful costumes of Holiday on Ice are pale in comparison with the dreamlike attire of a group of jugglers and acrobats from China.

Their acrobatics, their juggling, their jumps through hoops stuck with knives or ablaze put many a performance billed as a world sensation to shame.

The fire-eater, another relic of a bygone age, was equally enthralling. For a finale he blew an enormous sheet of flame from a glass of schnapps and put it out by swallowing it.

And what a successful combination of poetry, comedy and ability the audience were privileged to see in the Frog Prince number!

The glittering frog is an acrobat capable of the most astonishing contortions. Pic and Pello urge each other to kiss the frog (whom they visualise as being a bewitched princess).

Lights out, spot on, and into the ring rides Elvira, the Queen of Lippizana, on her circus horse. No chicken for a princess, she is dressed rather like Queen Elizabeth I of England.

She and her mount, a white horse, make the most accomplished equestrian combination one could possibly imagine.

As for the frog, it has turned into a creature that is all head with a pair of legs attached, like a figure from the imagination of Hieronymus Bosch.

It is ugly and sad, unable even to put the horse out of its stride by jumping to and fro and getting in its way.



Roncalli's back with something for everyone.

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Bernhard Paul, who like Hitchcock plays minor parts in a few numbers, is unimpressed by routines that are so dangerous there is a serious risk of performers being maimed or killed.

But he has no objections to excitement, and the ring is cleared for Rene Strickler, a nimble-footed lion-tamer and the very opposite of everything one expects a lion-tamer to be.

Yet his number is an outstanding achievement, combining lions and tigers, panthers and brown bears (unmuzzled), a polar bear and two St Bernard dogs.

He makes it all look so easy! As for the St Bernards, they are only too happy to make their stay in the ring a short one. The other animals make them look somewhat puny.

Then comes sheer magic. Pello the clown rolls into the ring inside an egg-shaped container painted dark blue and dotted with stars.

To captivating music he just blows bubbles. They grow bigger and bigger, bursting like beautiful dreams that have to come to an end some time or other.

Without saying as much as a word Pello shows his disappointment, then delight as a new galaxy of bubbles glitters in the arena. The audience are no less delighted, sharing his childlike pleasure.

The decision to rehire the Olympiads, a three-man group of gold-painted acrobats who went through their routine at a breathtaking snail's pace in the fluorescent glare of the spotlights, was entirely justified.

Their turn is one you could watch time and again. The same goes for the clownery of Fredi Spaghetti, the waiter.

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Men of Bronze steel themselves

(Photos: Stefan Odry)

As for the Original Codrellis, a white-painted Harlequin and two flat-footed clowns, their routine was as timeless as circus itself.

"When the audience leave the Big Top of Circus Roncalli," said Bernhard Paul before the Munich premiere, "maybe they will see a few things differently."

The applause would seem to indicate that they all felt how right it was to have resurrected the circus of days gone by, a childhood memory many must have felt was irrevocably a thing of the past.

Gerlinde Wach

(Süddeutsche Zeitung, 25 July 1981)

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## ■ MEDICINE

## Dead or alive? Problem for surgeons



A German group is working on a list of criteria to enable doctors to establish beyond doubt when someone is dead.

This is a major problem for surgeons, especially those involved in transplants.

There should be no conflict between, for example, giving an accident victim with severe brain damage the best possible care and needing his kidneys for a transplant.

The subject was discussed at the 7th International Congress on Neurosurgery in Munich.

A delegate from Würzburg, Eckard Halves, said that what mattered was to remove all doubt about the death of a potential organ donor.

The issue was becoming increasingly controversial, especially in view of the discussion on "humane death".

Here the problem was when to provide guidelines on when to pull out the plug.

Although brain surgery would be unthinkable without such modern methods as computer tomography, microsurgery and laser technology — despite all the criticism of a "soulless technological medicine" — technological progress has turned into a bugbear of neurosurgery, delegates heard.

Manfred Steinbach, of the Bonn Health Ministry, said that while technology was developing ever newer methods of treatment, it also made it more difficult to diagnose and prevent certain diseases that result from the technological and social changes in our environment.

Japanese neurosurgeon Seishi Fukuma suggested that the real question was whether technical development was not too fast to be applied sensibly.

Another medical-legal issue that was discussed at some length concerned the extent to which a doctor must tell his patient about his illness and the risks a possible operation might involve.

In this country there is a tendency to list all possible risks as comprehensively as possible in special forms that are handed to the patient.

But many doctors and lawyers reject this method. They say that the doctor should tell his patient personally.

Hans Kuhlendahl of Düsseldorf told the press that he felt patients were not always adequately informed of medical risks. But he also stressed that the accusations of not having fully informed their patients are frequently levelled deliberately with lawsuits for malpractice in mind.

The American Byron C. Povehouse was asked how Germany could prevent American conditions where damages to the tune of billions of dollars are awarded by the courts in cases of malpractice.

He suggested that the disputes should be settled out of court and be put before arbitration committees of doctors, jurists and other personalities known for their integrity.

When Povehouse said that there were too many doctors on such arbitration committees in Germany, he was vehemently rebutted by Kuhlendahl.

The explosive problem of stereotaxic psychosurgery was dealt with only on the periphery of the mammoth congress.

One paper on such surgery for patients suffering from chronic schizophrenia was read by a South Korean surgeon. There was also a film on this type of surgery and its application to behavioural disorders and uncontrollable aggression presented by an Argentinian team.

According to Karl-August Bushe, who chaired the congress, functional neurosurgery is in itself a speciality within the specialised field.

A press release pointed out that the spectacular reports on stereotaxic brain surgery for people who had committed sex crimes have provided the public with a distorted view of neurosurgery.

But the wide range of topics dealt with at the congress which amounted to a review of international achievements in this field seems to demonstrate the opposite. After all, stereotaxic operations account for less than one per cent in this field of surgery.

Renate Jäckle  
(Süddeutsche Zeitung, 22 July 1981)

## Dance academy

Continued from page 10

tion. But maybe, in the long term, the generally depressing standards in choreographic competitions will improve as a result.

Susana's composition class showed that new choreographic developments could well be expected from the Spanish dance.

She ended her course with a fascinating group choreographic venture in the flamenco spirit entitled *Obsesión por Seguiria*.

Sándor Timár from Hungary, who with musicians from his country rehearsed dances from Western Hungary and Rumania, provided an example of how folkloric dancing can accomplish more than merely preserving traditions.

Gisela Peters' course was particularly welcomed by teachers. She and her Cologne children's ballet showed just what importance dancing can have for children and what importance children's creativity can have for dancing.

Other quality items included that of the Spanish dance company headed by Ursula Kanflewski, a lecturer at the Cologne Institute of Stage Dance.

The final show again indicated the academy's enormous potential and that of its students and staff.

One can but hope that their exemplary work, influencing the international dancing scene as it does, will continue to be adequately subsidised next year.

Helmut Scheier  
(Kölnischer Stadt-Anzeiger, 21 July 1981)

told the congress about methods of combating cancer through selective chemotherapy.

Chemotherapeutic treatment is directed against the tumour itself and thus attacks the degenerate cells when they are in the sensitive stage of splitting.

Unfortunately, he said, this chemical attack is usually not targeted accurately enough to affect only degenerate cells.

As a result, healthy cells are also destroyed in the splitting stage, which is one of the undesirable side effects of this type of treatment.

Work is now in progress in Brussels aimed at enabling doctors to target the treatment at the cancer cells only.

It is hoped that this will be made possible by the receptors or "contact points" that exist on the surface of every cell.

These receptors differ widely but there seem to be certain types that occur only in cancer cells.

By combining the drug with a "carrier molecule" that attaches itself to the cancerous receptors only, it should be possible to destroy only degenerate cells.

Though elegant in theory, this method is not easily realisable in practice. But prospects are promising, Professor de Duve said.

Rolf H. Simen  
(Kölnischer Stadt-Anzeiger, 24 July 1981)

## Uniformity sought

Efforts are being made to standardise training in the branches of medicine which use no drugs.

Naturopathy and homeopathy, for example, which still sometimes fall into the category of what used to be called folk medicine, are taught at a number of commercial schools.

The president of the North Rhine-Westphalia *Heilpraktikerverbund*, Surmann, said that the unregulated growth in these schools posed a danger.

Not only was the quality of training at risk, Surmann told the Land minister, Professor Friedhelm Mann, but the medical profession also given ammunition to use natural medicine.

Professor Ferthmann said he would suggest at the forthcoming conference of state health ministers that North Rhine-Westphalia standards be adopted nation-wide.

The North Rhine-Westphalia *Heilpraktikerverbund* has 558 active members. (The national association has a membership of 3,700; there are a total of 12,000 practitioners in this country.)

A training facility at Bielefeld has been run by the association since 1975. It has three-year courses with 100 students in each intake.

The curriculum includes such subjects as homeopathy, acupuncture, dietetics, laboratory procedures, medicine and blood disorders plus health care.

The school also offers instruction in histology, physiology, immunology and general biology.

The training costs about DM1,000. Applicants are not subjected to any tests, the only qualification being a minimum age of 21.

Herr Surmann says more than 100 applicants are high school graduates.

One of the main problems is financing. The law says that the practice of medicine without conventional training requires approval by the authorities.

But the only condition to be met is an examination by a health department doctor following completion of the medicine training.

The medical profession has expressed grave doubts about the examinations and their suitability for determining the medical knowledge of a candidate. The doubts are completely unfounded.

It is exactly this that the natural medicine association wants to correct with its demand for uniform training and examination guidelines.

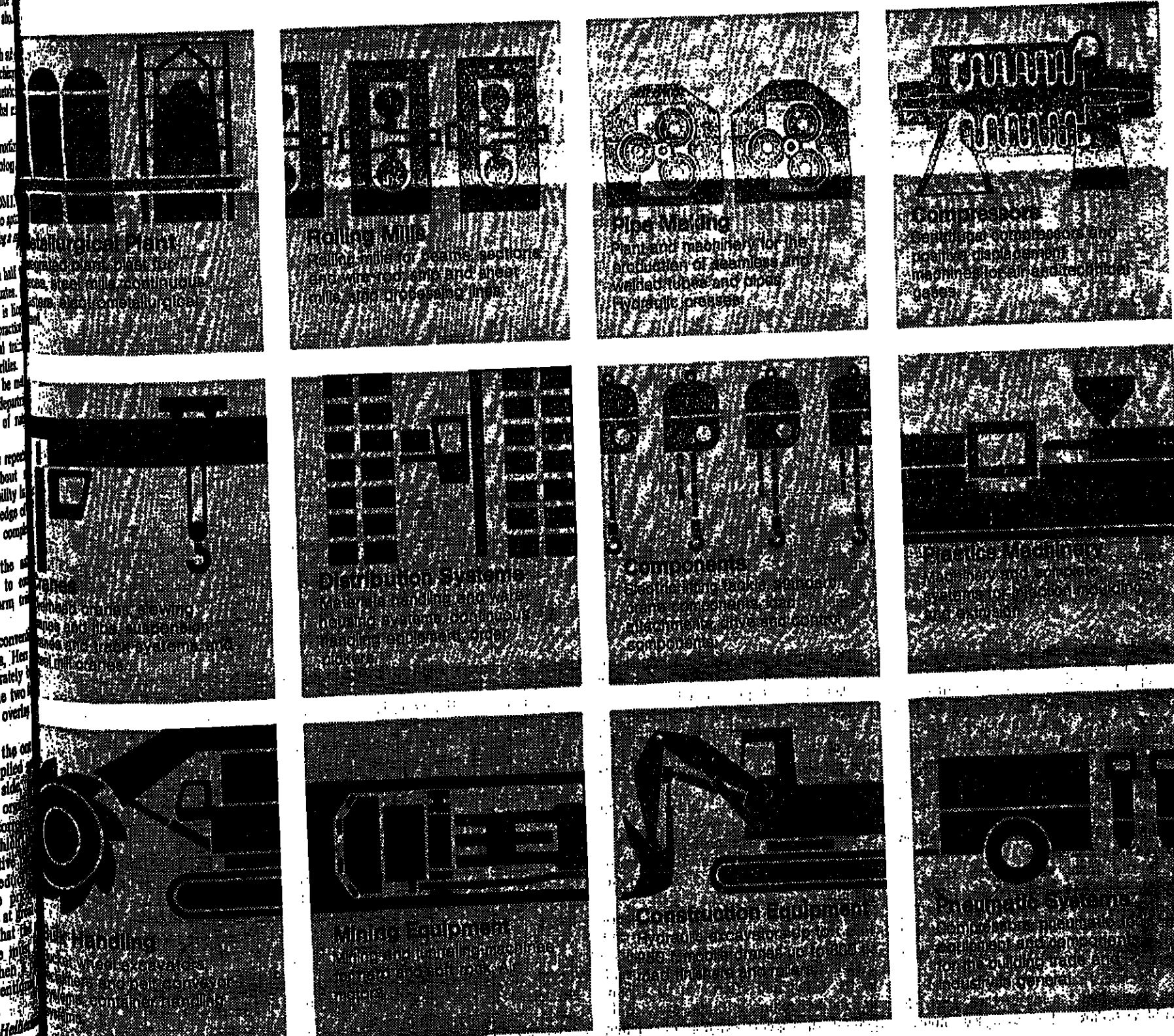
The conflict between conventional medicine and nature healers, Herrmann says, has been deliberately blown up out of all proportion. The two of medicine, he contends, eventually supplement each other.

As he sees it, there is on the one hand medicine in the form of applied science and, on the other side, medicine which tries to cure by means of natural processes and in which therapy is meant to play an active role.

Surmann says health care is important. He stresses the importance of prevention rather than cure and of the patient's role in his own health.

Even so, he emphasises that the limits of natural medicine must be referred to a conventional doctor.

Klaus Hüll  
(Rheinische Post, 23 July 1981)

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Cancer is largely caused by a major malfunctioning of body cells.

What happens is that such a cell or tissue can no longer fulfil its function within an organ, Professor Renato Dulbecco of San Diego, USA, told the 31st Congress of Nobel Prize winners in Lindau, Lake Constance.

Dulbecco, the 1975 Nobel Prize laureate for medicine, based his concept of the roots of cancer on experiments with animals where malignant tumours were induced by viruses or chemical substances.

Oversimplified, viruses are more or less poorly "packaged" genetic predispositions in a cell that cause it to produce similar genetic materials, reprogramming it, so to speak.

This brings about a fundamental change in the cell's function blueprint.

The change caused by the virus provides a new blueprint and mechanisms that could explain why the functional realisation of genetic material is changed in cancerous cells.

The change in the "expression" of the genes can cause a situation where the genetic information contained in a normal cell causes a malignant tumour.

What this boils down to is that the "excessive expression of potential cancer genes" creates tumours that are poten-

Anatomy of a  
cancerous  
cell

tially there in normal cells but are harmless prior to the cell's transformation.

Dulbecco sees the development of cancer in two phases: the initial and the development phases.

Cell damage frequently does not show itself until 20 or 30 years after it has occurred.

To illustrate his point, he cited the following example: lung cancer attributed to cigarette smoking used to be blamed on the benzpyrenium contained in the smoke. The fact, however, is that smoke contains too little of this substance to cause cancer.

Today, medicine knows that benzpyrenium does not actually cause the tumour. It only promotes the development of a tumour in already damaged tissue.

In other words, cancer genes are harmless until activated by special substances, the tumour promoters. This applies to viral cancer and possibly also to the chemically induced variety.

Professor Christian de Duve of Brussels (1974 Nobel Prize for medicine)



